

B1
cont.

compensating device comprises means for detecting a composite current (I_w) of the wind power generator; means for detecting a voltage (V_s) of an electric power system to which the wind power generator and the electric power energy storage device and the electric power converting device are connected; and means for detecting a current (I_c) either inputted into or outputted from the electric power converting device; wherein an output electric power (P_w, Q_w) of the wind power generator is computed according to the detected voltage (V_s) of the electric power system and the detected composite current (I_w) and an input or output electric power (P_c, Q_c) of the electric power converting device is computed according to the detected voltage (V_s) of the electric power system and the detected current (I_c) of the electric power converting device, and the computed output electric power (P_w, Q_w) of the wind power generator and the computed input or output electric power (P_c, Q_c) of the electric power converting device are used as an electric power feed-back in a control system for the electric power converting device, further characterized in that a superconducting magnetic energy storage device, a static var compensating device or an adjustable speed electric power generating system is used as the electric power energy storage device.

B!
cont.

2. (amended) An electric power variation compensating device in a compound system for wind power generation and an electric power energy storage including a wind power generator and an electric power energy storage device and an electric power converting device provided in parallel therewith, characterized in that the electric power variation compensating device comprises means for detecting a composite current (I_w) of the wind power generator; means for detecting a voltage (V_s) of an electric power system to which the wind power generator and the electric power energy storage device and the electric power converting device are connected; and means for detecting a current in the electric power system; wherein an output electric power (P_w , Q_w) of the wind power generator is computed according to the detected voltage (V_s) of the electric power system and the detected composite current (I_w) and an input or output electric power (P_c , Q_c) of the electric power converting device is computed according to the detected voltage (V_s) of the electric power system and the detected current of the electric power system and the detected current of the electric power system, and the computed output electric power (P_w , Q_w) of the wind power generator and the computed input or output electric power (P_c , Q_c) of the electric power converting device are used as an electric power feed-back in a control system for the electric power converting device, further characterized in that a

B1
cancel

superconducting magnetic energy storage device, a static var compensating device or an adjustable speed electric power generating system is used as the electric power energy storage device.

3. (amended) An electric power variation compensating device according to claim 1 or claim 2, characterized in that an amount of the electric power used for the electric power feed-back in the control system is a value (Pf, Qf) in which an active electric power (Pw) or a reactive electric power (Qw) in the output electric power of the wind power generator each of which low frequency components (PwL) are excluded through a low frequency pass filter is added to either the active electric power (Pc) or the reactive electric power (Qc) in the input or output electric power of the electric power converting device.

✓ Please cancel claim 6 without prejudice or disclaimer of the subject matter thereof.

REMARKS

The indication that claim 6 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. §112, second paragraph, set forth in this Office Action and to